UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,875	09/19/2003	Jakke Makela	872.0152.U1(US)	8891

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EXAMINER
DOAN, PHUOC HUU

ART UNIT	PAPER NUMBER
2617	

DATE MAILED: 08/25/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

	Application No.	Applicant(s)
Office Action Summary	10/666,875	MAKELA ET AL.
	Examiner	Art Unit	
	PHUOC H. DOAN	2617	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address* --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE <u>3</u> MONTH(S) OR THIRTY (30) DAYS,
WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed
  after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
  Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any
  earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *17 July 2006*.
2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.
3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is
   closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-62* is/are pending in the application.
   4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5)☐ Claim(s) _____ is/are allowed.
6)☒ Claim(s) *1-62* is/are rejected.
7)☐ Claim(s) _____ is/are objected to.
8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.
10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.
   Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
   Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
   a)☐ All   b)☐ Some * c)☐ None of:
   1.☐ Certified copies of the priority documents have been received.
   2.☐ Certified copies of the priority documents have been received in Application No. _____.
   3.☐ Copies of the certified copies of the priority documents have been received in this National Stage
      application from the International Bureau (PCT Rule 17.2(a)).
   * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
   Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
   Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1.   Applicant's arguments filed 07/17/06 have been fully considered but they are

not persuasive.

Applicant's remarks: Lin does not disclose "the mobile terminals that are used for

editing the editable object send locally generated edit commands to other mobile

terminals of the set of mobile terminal.

Examiner's response: Lin discloses the mobile terminals that are used for editing

the editable object send locally generated edit commands to other mobile terminals

of the set of mobile terminals (col. 2, par. [0030-0031] "editing/command-setting

can be transmitted between two mobile devices. User's can create a customized

object by inter-face-editing/command-setting can send between mobile device 104

and 106 based on the data synchronization that was a real-time, inquire and update

data online", and col. 3, par. [0039-0040]).

Applicant's remarks: Lin does not disclose sending edit commands between

mobile terminals.

Examiner's response: Lin clearly discloses that sending edit commands between

mobile terminals (col. 3, par. [0031-0032] the interface-editing command setting

module for users can create a customized object. Users can also open a whole new

window to edit in the need interface).

Applicant's remarks: Lin does not disclose where the editable object further

comprises audio data.

Examiner's response: Lin discloses where the editable object further comprises

audio data is inherently (See col. 3, par. [0039-0040] the editable object data

provides by Lin could be any kind of the editable object data such email file, audio

file, video files that the mobile terminal can be communication with. However,

Gelernter support Lin by the prior art in page 3, par. [0020] the object model

framework can be an audio file).

See the following in detail of Office Action.

2.   Applicant's arguments with respect to claim(s)33 have been considered but

are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

3.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102

that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this

subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4.   Claims **1, 13-14, 20-26, 29-30, 32, 34-36, and 42-45** are rejected under 35

U.S.C. 102(e) as being anticipated by **Lin (US Pub No: 2004/0051737).**

As to claim 1, Lin discloses a method to operate a plurality of mobile terminals

(Fig. 1,items 104, 106), comprising: storing an editable object in the plurality of

mobile terminals (col. 3, par. [0042]), and simultaneously editing the editable

object "col. 1, par. [0027], interface editing and online real-time accessing" using

at least some of the plurality of mobile terminals (col. 2, par. [0030]), where the

mobile terminals that are used for editing the editable object send locally generated

edit commands to other mobile terminals of the set of mobile terminals (col. 2, par.

[0030-0031] **"editing/command-setting can be transmitted between two mobile**

devices", and col. 3, par. [0039-0040]).

As to claim 13, Lin further discloses a method as described in claim 1, where

individual ones of the plurality of mobile terminals indicate when modifications

have been made to the editable object (col. 2, par. [0032-0033]).

As to claim 20, Lin further discloses a method as described in claim 1, where each

edited instance is a file (col. 2, par. [0032]).

As to claim 21, Lin further discloses a method as described in claim 1, where each

edited instance may be appended to a hard copy (col. 2, par. [0032], [0035]).

As to claim 22, Lin further discloses a method as described in claim 1, where there is only one hard copy of the editable object (col. 2, par. [0030].

As to claim 23, Lin further discloses a method as described in claim 22, where the hard copy is the original version of the editable object (col. 2, par. [0030], which uses Win CE as its operation systems).

As to claim 24, the claim is rejected for the same reason as set forth in claim 1.

As to claim 25, the claim specifies an apparatus necessary to perform the method steps as specified in claim 1 and is therefore rejected for the same reason.

As to claim 26, the claim is rejected for the same reason as set forth in claim 1.

As to claim 29, Lin further discloses a wireless communication system as described in claim 26, where the information further comprises other user's Shared Edited Instances (Fig. 3B, col. 2, par. 0033]).

As to claim 30, Lin further discloses a wireless communication system as described in claim 26, where the information further comprises other user's editing commands (col. 2, par. [0031]).

As to claim 32, Lin further discloses a wireless communication system as described in claim 26, where the editable object comprises image data (col. 2, par. [0032]).

As to claim 34, Lin further discloses a wireless communication system as described in claim 27, where information in the shared area is automatically synchronized between all users (col. 3, par. [0039-0041]).

As to claim 35, Lin further discloses a wireless communication system as described in claim 26, where the plurality of mobile terminals indicate via the wireless communication system when modifications have been made to the editable object (col. 2, par. [0030]).

As to claim 14, 36, Lin further discloses a wireless communication system as described in claim 27, where at least one of the shared edited instances is **downloaded** from the user's shared area to the user's personal area (col. 2, par. [0035], and col. 3, par. [0039-0040]).

As to claim 42, Lin further discloses a wireless communication system as described in claim 26, where each edited instance is a separate file (col. 2, par. [0031-0032]).

As to claim 43, the claim is rejected for the same reason as set forth in claim 21.

As to claim 44, the claim is rejected for the same reason as set forth in claim 22.

As to claim 45, the claim is rejected for the same reason as set forth in claim 23.

Claim Rejections - 35 USC § 103

5.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for

all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

6.   Claims **2-3, 11-12, and 27** are rejected under 35 U.S.C. 103(a) as being

unpatentable over Lin in view of **Lee (US Pub No: 2004/0015548).**

As to claim 2, Lin discloses all the limitation in method as in claim 1. However,

Lin doest not disclose where a memory area of the plurality of mobile terminals

comprises a working memory area used during editing and a permanent storage

memory area.

Lee discloses where a memory area of the plurality of mobile terminals comprises

a working memory area used during editing and a permanent storage memory area

(col. 3, par. [0033]). Therefore, it would have been obvious to one of ordinary skill

in the art at the time the invention was made to provide the memory as taught by

Lee to the method of Lin in order to expanse the storage.

As to claim 3, the claim is rejected for the same reason as set forth in claim 2.

As to claim 11, Lee further discloses method as described in claim 3, where the

information in the shared area is automatically synchronized between all users (col.

5, par. [0044]).

As to claim 12, Lee further discloses a method as described in claim 3, where the

information in the personal area comprises at least one edited instance of the

editable object (col. 6, par. [0049]).

As to claim 27, the claim is rejected for the same reason as set forth in claim 2.

7.   Claims **4-10, 15-18, 33, 37-40, 46-62** are rejected under 35 U.S.C. 103(a) as

being unpatentable over Lin in view of **Gelernter (US Pub No: 2004/0139396)**.

As to claim 4, Lin does not disclose where at least one of the plurality of mobile

terminals initiates an editing process whereby information comprising at least one

of a hard copy or edited instance is sent from at least one mobile terminal to at

least one other of the plurality of mobile terminals.

In the same field of invention, Gelernter specifically discloses where at least one of

the plurality of mobile terminals initiates an editing process whereby information

comprising at least one of a hard copy or edited instance is sent from at least one

mobile terminal to at least one other of the plurality of mobile terminals (col. 14,

par. [0158]). Therefore, it would have been obvious to one of ordinary skill in the

art at the time the invention was made to provide a hard copy or edited instance is

sent from at least one mobile terminal to at least one other of the plurality of

mobile terminals as taught by Gelernter to the system of Lin in order to share of

the streaming of object at the same time with real-time.

As to claim 5, Gelernter further discloses a method as described in claim 4, where

the information sent comprises the user's Own Edited Instance of the editable

object (col. 9, par. [0091]).

As to claim 6, Gelernter further discloses a method as described in claim 4, where

the information sent comprises other user's Shared Edited Instances (col. 5, par.

[0057]).

As to claim 7, Gelernter further discloses a method as described in claim 4, where

the information sent comprises a user's own editing commands (col. 6, par.

[0069]).

As to claim 8, Gelernter further discloses a method as described in claim 4, where

the information sent comprises other user's editing commands (col. 6, par. [0069]).

As to claim 9, Gelernter further discloses a method as described in claim 4, where

the information sent comprises contextual control information (col. 5, par. [0057-

0058]).

As to claim 10, Gelernter further discloses a method as described in claim 9,

where the contextual control information conveys user information (col. 5, par.

[0054-0057]).

As to claim 15, 37, Gelernter further discloses a wireless communication system as described in claim 26, where each editable object comprises at least a content part and at least one comment field (col. 3, par. [0020]).

As to claim 16, 38, Gelernter further discloses a wireless communication system as described in claim 37, where a first comment field is designated a hard copy ID field (col. 7, par. [0081]).

As to claim 17, 39, Gelernter further discloses a wireless communication system as described in claim 38, where another comment field is designated an edited instance ID field (col. 14, par. [0158]).

As to claim 18, 40, Gelernter further discloses a wireless communication system as described in claim 39, wherein when the contents of the content part is changed a new hard copy is formed and tagged with a new ID and the hard copy ID field is changed (col. 14, par. [0158]).

As to claim 33, Lin does not disclose where the editable object further comprises audio data.

Gelernter discloses where the editable object further comprises audio data (col. 3, par. [0020]). Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to provide the editable object further

comprises audio data as taught by Gelernter to the system of Lin in order to has

flexible in use of mobile device in term of data transmit.

As to claim 46, Gelernter further discloses all the limitation in col. 14, par.

[0158]).

As to claim 47, Gelernter further discloses all the limitation in col. (col. 4, par.

[0033], [0037]).

As to claim 48, 49, Gelernter further discloses all the limitation in col. 14-15, par.

[0158-0160]).

As to claim 49-57, 59, Gelernter further discloses all the limitation in col. 3, par.

[0020], and col. 4, par. [0033]).

As to claim 58, Gelernter further discloses all the limitation in col. 12, par. [0139-

0140].

As to claim 60, 61, Gelernter further discloses all the limitation in col. 14, par.

[0158].

As to claim 58, Gelernter further discloses all the limitation in col. 5, par. [0057-

0062].

8.   Claims **19, and 41** are rejected under 35 U.S.C. 103(a) as being unpatentable

over Lin in view of **Egawa (US Pub No: 2004/0125126).**

As to claim 19, Lin does not disclose a method as described in claim 1, where each

edited instance has a unique ID associated with it.

Egawa discloses a method as described in claim 1, where each edited instance has

a unique ID associated with it (col. 4, par. [0064-0067]). Therefore, it would have

been obvious to one of ordinary skill in the art at the time the invention was made

to provide the unique ID as taught by Egawa to the method of Lin in order to has a

ID of edit object.

As to claim 41, the claim is rejected for the same reason as set forth in claim 19.

9.   Claims **28, and 31** are rejected under 35 U.S.C. 103(a) as being unpatentable

over Lin in view of **Henriksson (US Pub No: 2005/0052341).**

As to claim 28, Lin does not disclose where the information further comprises a

user's Own Edited Instance.

Henriksson discloses where the information further comprises a user's Own Edited

Instance (col. 4, par. [0037-0038]). Therefore, it would have been obvious to one

of ordinary skill in the art at the time the invention was made to provide a user's

Own Edited Instance as taught by Henriksson to the system of Lin in order to has a

tool which able to edit the object.

As to claim 31, Lin does not discloses where the information further comprises

contextual information to convey coordination, control and status information

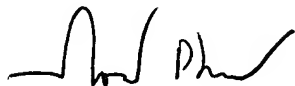regarding the collaborative editing of the editable object.

Henriksson discloses where the information further comprises contextual

information to convey coordination, control and status information regarding the

collaborative editing of the editable object (col. 3, par. [0031-0033]). Therefore, it

would have been obvious to one of ordinary skill in the art at the time the invention

was made to provide the collaborative editing of the editable object as taught by

Henriksson to the system of Lin in order to has a tool which able to edit the object.

Conclusion

Any inquiry concerning this communication or earlier communications from

the examiner should be directed to PHUOC H. DOAN whose telephone number is

571-272-7920. The examiner can normally be reached on 9:30 AM - 6:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the

examiner's supervisor, GEORGE ENG can be reached on 571-272-7495. The fax

phone number for the organization where this application or proceeding is assigned

is 571-273-8300.

Information regarding the status of an application may be obtained from the

Patent Application Information Retrieval (PAIR) system. Status information for

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would like assistance from a USPTO Customer Service Representative or access to

the automated information system, call 800-786-9199 (IN USA OR CANADA) or

571-272-1000.

Phuoc Doan
08/17/06

GEORGE ENG
SUPERVISORY PATENT EXAMINER